

Docket No. 283349US0PCT



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Adolf KUEHNLE, et al.

SERIAL NO: 10/563,450

GAU:

FILED: January 3, 2006

EXAMINER:

FOR: PROCESS FOR PRODUCING LOW-K DIELECTRIC FILMS

MAIL STOP PCT

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

283349US0PCT

SERIAL NO.

10/563,450

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Adolf KUEHNLE, et al.

FILING DATE

January 3, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4 349 609	9/14/1982	TAKEDA, Shiro et al.			
	AB	5 152 834	10/6/1992	ALLMAN, Derryl D. J.			
	AC	6 015 457	1/18/2000	LEUNG, Roger Y. et al.			
	AD	2005/0010012	1/13/2005	JOST, Carsten et al. (10/494,043)			
	AE	2003/0096934	5/22/2003	JOST, Carsten et al. (10/210,082)			
	AF	2002/0137625	9/26/2002	JOST, Carsten et al. (10/005,107)			
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	1 003 210	5/24/2000	EP		NO
	AP	1 197 998	4/17/2002	EP		NO
	AQ	1 271 634	1/2/2003	EP		NO
	AR					
	AS					
	AT					
	AU					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AV	HUANG, Q. R. et al., "Structure and Interaction of Organic/Inorganic Hybrid Nanocomposites for Microelectronic Applications. 1. MSSQ/P (MMA-co-DMAEMA) Nanocomposites", Chemistry of materials American Chemical Society USA, Vol. 14, No. 9, Pages 3676-3685, 2002.				
	AW	PAN, Qi et al., "Spin-on-glass thin films prepared from a novel polysilsesquioxane by thermal and ultraviolet-irradiation methods", Thin Solid Films, Vol.345, No. 2, Pages 244-254, 1999.				
	AX	PROVATAS, A. et al., "Silsesquioxanes: Synthesis and Applications", Trends in Polymer Science, Elsevier Science Ltd., Vol. 5, No. 10, Pages 327-332, 1997.				
	AY	MANTZ, R. A. et al., "Thermolysis of Polyhedral Oligomeric Silsesquioxane (POSS) Macromers and POSS-Siloxane Copolymers", Chemistry of materials, American Chemical Society, Vol. 8, No.6, Pages 1250-1259, 1996.				
	AZ					<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Docket No.: 283349US0PCT

Serial No.: 10/563,450

Inventor: Adolf KUEHNLE, et al.

LIST OF RELATED CASES CITED BY
APPLICANT UNDER 37 CFR 1.56

Filing Date: January 3, 2006

Group:

LIST OF RELATED CASES

<u>Examiner Initial</u>	<u>Docket No.</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent App. Publication No.</u>	<u>Inventor or Applicant</u>
	283349US0PCT*	10/563,450	01/03/06		KUEHNLE, et al.
	260232US0XPCT	10/511,593	06/21/05		KUEHNLE, et al.
	251043US0XPCT	10/494,043	08/27/04	US2005/0010012 A1	JOST, et al.
	226523US0XCONT	10/210,082	08/02/02	US2003/0096934 A1	JOST, et al.
	216058US0	10/005,107	12/07/01	US2002/0137625 A1	JOST, et al.
	216059US0	10/005,108	12/07/01		JOST, et al.

Examiner

Date Considered

*Present Application; listed for information
NFO/amr